

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	400029	hirano.in. or yamamoto.in. or kubo.in. or nagano.in. or kitajima.in. or yamaguchi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 14:13
L9	23649	(anion\$2 near2 exchange near2 resin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 14:14
L10	268	l8 and l9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 14:15
L11	542423	phenol or cresol or catechol or resorcinol or hydroquinone or bisphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 14:15
L12	210764	oxirane or (alkylene adj oxide) or (ethylene adj oxide) or (propylene adj oxide) or (isobutylene adj oxide) or (\$4butylene adj oxide) or (pentylene adj oxide) or (styrene adj oxide) or (cyclohexene adj oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 14:15
L13	21	L11 and L12 and l10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 14:16
S1	714	((568/648) or (568/652)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/17 06:01
S2	96534	exchange adj resin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 11:06

EAST Search History

S3	24	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 11:09
S4	385833	anion\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 11:09
S5	25374	S2 near10 S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 11:10
S6	1	S3 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 11:10
S7	714	((568/648) or (568/652)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/01/16 20:16
S8	96534	exchange adj resin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 20:16
S9	24	S7 and S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 20:16
S10	385833	anion\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 20:16

EAST Search History

S11	25374	S8 near10 S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 20:16
S12	1	S9 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 20:16
S13	542423	phenol or cresol or catechol or resorcinol or hydroquinone or bisphenol	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 06:03
S14	210764	oxirane or (alkylene adj oxide) or (ethylene adj oxide) or (propylene adj oxide) or (isobutylene adj oxide) or (\$4butylene adj oxide) or (pentylene adj oxide) or (styrene adj oxide) or (cyclohexene adj oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 06:30
S15	28294	(anion\$2 near2 exchange near2 resin) or (bas\$3 near2 ion near2 exchange near2 resin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 14:14
S16	57	S13 same S14 same S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 06:32
S17	1511402	solvent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 06:32
S18	25	S16 same S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 06:58

EAST Search History

S19	32	S16 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/17 14:12
-----	----	-------------	--	----	----	------------------

10/626,573

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1204rxw

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS	9	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	10	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	11	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	12	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	13	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	14	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	15	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	16	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	17	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	18	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	19	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	20	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	21	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	22	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

10/626,573

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:38:47 ON 17 JAN 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.84	0.84

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 14:41:20 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

DICTIONARY FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

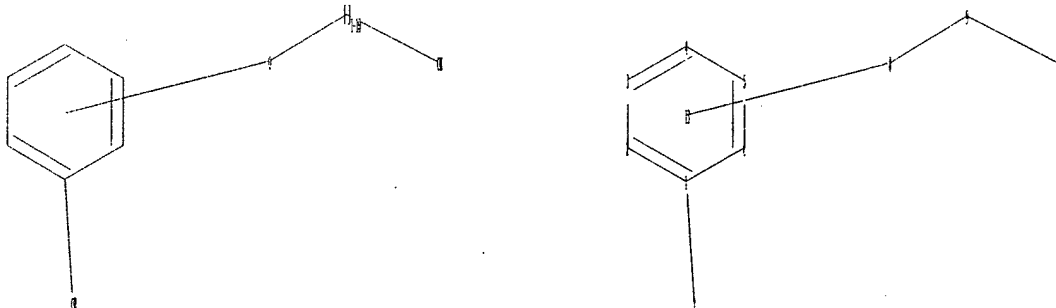
<http://www.cas.org/ONLINE/UG/regprops.html>

=>Testing the current file..... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP4\TEMPLATE\STANDARD\10626573.str



chain nodes :

7 8 9 10

ring nodes :

1 2 3 4 5 6

chain bonds :

1-7 8-9 9-10

ring bonds :

10/626,573

1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-7 8-9 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
13:Atom

L1 STRUCTURE UPLOADED

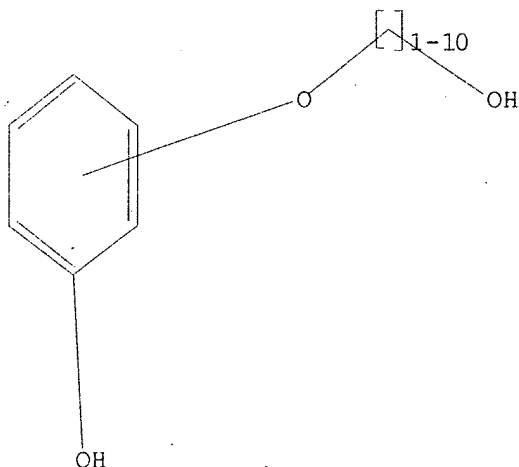
=> que L1

L2 QUE L1

=> d

L2 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L2 QUE L1

=> s 12

SAMPLE SEARCH INITIATED 14:41:42 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - .177876 TO ITERATE

1.1% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.05

5 ANSWERS

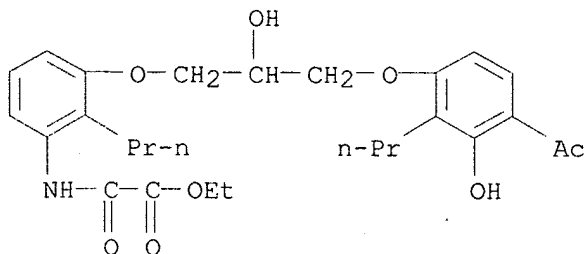
FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: 3532724 TO 3582316
PROJECTED ANSWERS: 7628 TO 10158

L3 5 SEA SSS SAM L1

10/626,573

=> d scan

L3 5 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Acetic acid, [[3-[3-(4-acetyl-3-hydroxy-2-propylphenoxy)-2-hydroxypropoxy]-
2-propylphenyl]amino]oxo-, ethyl ester (9CI)
MF C27 H35 N O8



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.90

1.74

FILE 'STNGUIDE' ENTERED AT 14:42:39 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jan 12, 2007 (20070112/UP).

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.36

2.10

FILE 'REGISTRY' ENTERED AT 14:46:22 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

DICTIONARY FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

10/626,573

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>Testing the current file.... screen

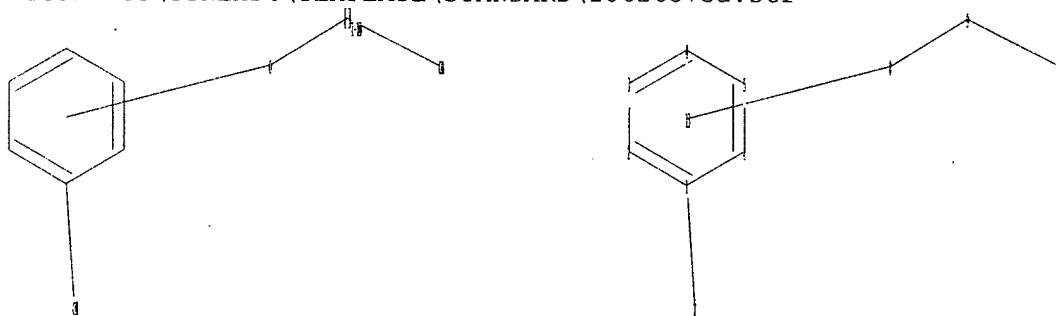
ENTER SCREEN EXPRESSION OR (END):end

=> screen 1304 OR 1992 OR 2008 OR 2016 OR 2021 OR 2026 OR 1929 OR 1840

L4 SCREEN CREATED

=>

Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP4\TEMPLATE\STANDARD\10626573a.str



chain nodes :

7 8 9 10

ring nodes :

1 2 3 4 5 6

chain bonds :

1-7 8-9 9-10

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-7 8-9 9-10

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
13:Atom

L5 STRUCTURE UPLOADED

=> que L5 NOT L4

L6 QUE L5 NOT L4

=> d

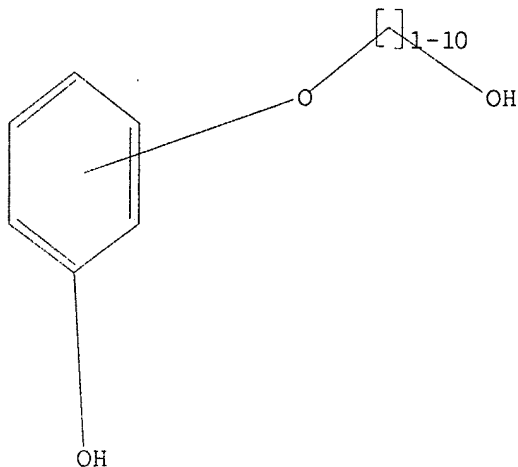
10/626,573

L6 HAS NO ANSWERS

L4 SCR 1304 OR 1992 OR 2008 OR 2016 OR 2021 OR 2026 OR 1929 O

R 1840

L5 STR



Structure attributes must be viewed using STN Express query preparation.

L6 QUE L5 NOT L4

=> d his

(FILE 'HOME' ENTERED AT 14:38:47 ON 17 JAN 2007)

FILE 'REGISTRY' ENTERED AT 14:41:20 ON 17 JAN 2007

L1 STRUCTURE UPLOADED

L2 QUE L1

L3 5 S L2

FILE 'STNGUIDE' ENTERED AT 14:42:39 ON 17 JAN 2007

FILE 'REGISTRY' ENTERED AT 14:46:22 ON 17 JAN 2007

L4 SCREEN 1304 OR 1992 OR 2008 OR 2016 OR 2021 OR 2026 OR 19

L5 STRUCTURE UPLOADED

L6 QUE L5 NOT L4

=> s l6

SAMPLE SEARCH INITIATED 14:47:25 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4837 TO ITERATE

41.3% PROCESSED 2000 ITERATIONS

5 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 92570 TO 100910

PROJECTED ANSWERS: 33 TO 449

L7 5 SEA SSS SAM L5 NOT L4

=> s l6 ful

FULL SEARCH INITIATED 14:47:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 94426 TO ITERATE

10/626,573

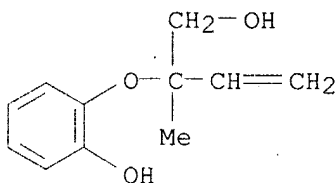
100.0% PROCESSED 94426 ITERATIONS
SEARCH TIME: 00.00.01

324 ANSWERS

L8 324 SEA SSS FUL L5 NOT L4

=> d scan

L8 324 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Phenol, 2-[[1-(hydroxymethyl)-1-methyl-2-propenyl]oxy]- (9CI)
MF C11 H14 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

173.90

176.00

FILE 'STNGUIDE' ENTERED AT 14:49:06 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jan 12, 2007 (20070112/UP).

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.30

176.30

FILE 'REGISTRY' ENTERED AT 14:52:16 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

DICTIONARY FILE UPDATES: 16 JAN 2007 HIGHEST RN 917560-96-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

10/626,573

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

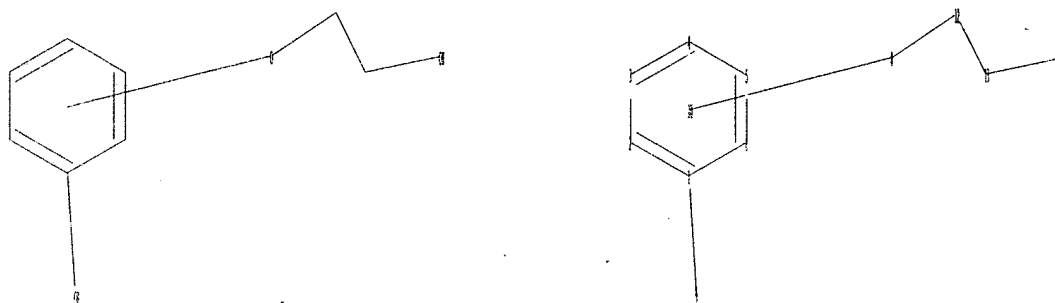
<http://www.cas.org/ONLINE/UG/regprops.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Documents and Settings\rkeys\My Documents\STNEXP4\TEMPLATE\STANDARD\10626573b.str



chain nodes :

7 8 9 12 13

ring nodes :

1 2 3 4 5 6

chain bonds :

1-7 8-12 9-13 12-13

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-7 8-12 9-13

exact bonds :

12-13

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

isolated ring systems :

containing 1 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
12:CLASS 13:CLASS

L9 STRUCTURE UPLOADED

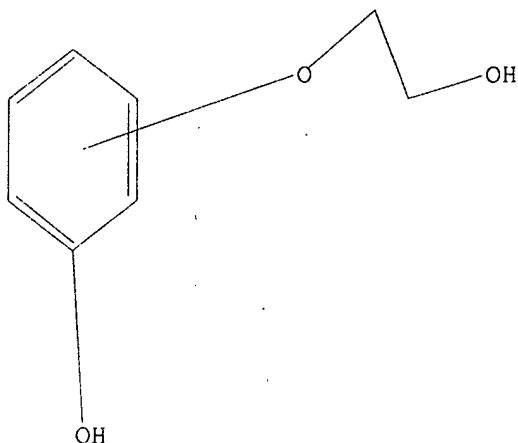
=> que L9

L10 QUE L9

=> d

10/626,573

L10 HAS NO ANSWERS
L9 STR



Structure attributes must be viewed using STN Express query preparation.
L10 QUE L9

=> d his

(FILE 'HOME' ENTERED AT 14:38:47 ON 17 JAN 2007)

FILE 'REGISTRY' ENTERED AT 14:41:20 ON 17 JAN 2007

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 5 S L2

FILE 'STNGUIDE' ENTERED AT 14:42:39 ON 17 JAN 2007

FILE 'REGISTRY' ENTERED AT 14:46:22 ON 17 JAN 2007

L4 SCREEN 1304 OR 1992 OR 2008 OR 2016 OR 2021 OR 2026 OR 19
L5 STRUCTURE UPLOADED
L6 QUE L5 NOT L4
L7 5 S L6
L8 324 S L6 FUL

FILE 'STNGUIDE' ENTERED AT 14:49:06 ON 17 JAN 2007

FILE 'REGISTRY' ENTERED AT 14:52:16 ON 17 JAN 2007

L9 STRUCTURE UPLOADED
L10 QUE L9

=> s l10 sub=l8 full

FULL SUBSET SEARCH INITIATED 14:53:21 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 219 TO ITERATE

100.0% PROCESSED 219 ITERATIONS 219 ANSWERS
SEARCH TIME: 00.00.03

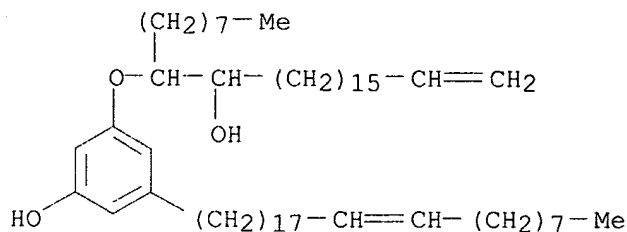
L11 219 SEA SUB=L8 SSS FUL L9

=> d scan

L11 219 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Phenol, 3-(18-heptacosenyl)-5-[(2-hydroxy-1-octyl-18-nonadecenyl)oxy]-
(9CI)

10/626,573

MF C60 H110 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s 110 sub=18 full css

FULL SUBSET SEARCH INITIATED 14:54:05 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 219 TO ITERATE

100.0% PROCESSED 219 ITERATIONS

16 ANSWERS

SEARCH TIME: 00.00.06

L12 16 SEA SUB=L8 CSS FUL L9

=> d scan

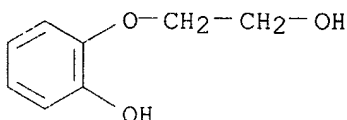
L12 16 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 2-Butenedioic acid (2E)-, ester with 2-(2-hydroxyethoxy)phenol (1:2) (9CI)

MF C20 H20 O8

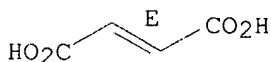
CI IDS, COM

CM 1



CM 2

Double bond geometry as shown.



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 14:38:47 ON 17 JAN 2007)

FILE 'REGISTRY' ENTERED AT 14:41:20 ON 17 JAN 2007

L1 STRUCTURE UPLOADED

L2 QUE L1

10/626,573

L3 5 S L2

FILE 'STNGUIDE' ENTERED AT 14:42:39 ON 17 JAN 2007

FILE 'REGISTRY' ENTERED AT 14:46:22 ON 17 JAN 2007

L4 SCREEN 1304 OR 1992 OR 2008 OR 2016 OR 2021 OR 2026 OR 19
L5 STRUCTURE UPLOADED
L6 QUE L5 NOT L4
L7 5 S L6
L8 324 S L6 FUL

FILE 'STNGUIDE' ENTERED AT 14:49:06 ON 17 JAN 2007

FILE 'REGISTRY' ENTERED AT 14:52:16 ON 17 JAN 2007

L9 STRUCTURE UPLOADED
L10 QUE L9
L11 219 S L10 FULL SUB=L8
L12 16 S L10 FULL CSS SUB=L8

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

83.10

259.40

FILE 'CAPLUS' ENTERED AT 14:54:41 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 17 Jan 2007 VOL 146 ISS 4

FILE LAST UPDATED: 16 Jan 2007 (20070116/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l12

L13 152 L12

=> s l13 and (catechol or hydroquinone or resorcinol)

36728 CATECHOL

46242 HYDROQUINONE

30046 RESORCINOL

L14 47 L13 AND (CATECHOL OR HYDROQUINONE OR RESORCINOL)

=> s l14 and 1700-2003/py

23914968 1700-2003/PY

L15 36 L14 AND 1700-2003/PY

=> d 1-36 ti

10/626,573

- L15 ANSWER 1 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Molecular Quantum Similarity Analysis of Estrogenic Activity
- L15 ANSWER 2 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of glycol ethers
- L15 ANSWER 3 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of piperazinyldipyrzinyldiaryloxyalkyl ethers as 5-HT_{2C} receptor agonists
- L15 ANSWER 4 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Structure-activity relationships for gene activation oestrogenicity: evaluation of a diverse set of aromatic chemicals
- L15 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Synthesis of unsymmetrical hydroquinone ether chain and new pseudorotaxane
- L15 ANSWER 6 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of pyrazinyl phenoxyethyl ethers as 5-HT_{2C} receptor modulators
- L15 ANSWER 7 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Liquid-crystalline polymer compositions for making phase difference panel and oval polarizer
- L15 ANSWER 8 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Electrodepositable coating compositions and their use in a method of cationic electrodeposition
- L15 ANSWER 9 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of crown calix[4]arenes for selective extraction of cesium
- L15 ANSWER 10 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Hair-care composition with long lasting effect
- L15 ANSWER 11 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Direct hair dye
- L15 ANSWER 12 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Radiochemical stability of the dicyclohexano-18-crown-6-ether (DCH18C6): synthesis and tests in radioactive medium of the DCH18C6 radiolytic products
- L15 ANSWER 13 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Cytotoxicity of a selected series of substituted phenols towards cultured melanoma cells
- L15 ANSWER 14 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI In vitro assessment of the structure-activity relationship of tyrosinase-dependent cytotoxicity of a series of substituted phenols
- L15 ANSWER 15 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of phenyl and phenoxyethyl sulfamates and analogs as anticonvulsants
- L15 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Skin-lightening cosmetics containing hydroquinone derivatives
- L15 ANSWER 17 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Positive-working photosensitive composition containing quinone diazide and coupler
- L15 ANSWER 18 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

10/626,573

- TI Preparation of pharmaceutically active heterocyclic amines and their use for treating head injury, spinal trauma, stroke, etc.
- L15 ANSWER 19 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Studies on synthetic ionophores. VI. Synthesis of polyether carboxylic acids and their use as carriers for alkali metal ion transport through liquid membranes
- L15 ANSWER 20 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Synthesis of 4'-O-methyl- and 4',6-di-O-methylchalaurenol
- L15 ANSWER 21 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Fingerprinting method
- L15 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Enhanced hydrocarbon recovery by permeability modification with phenolic gels
- L15 ANSWER 23 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Water-thinned writing inks
- L15 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Catechol-based vapor permeation curable coating compositions
- L15 ANSWER 25 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Two-component diazo material
- L15 ANSWER 26 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Hydroquinone monoethers and structured quinol ketals as intermediates in their manufacture
- L15 ANSWER 27 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Photocopying materials for transfer sheets
- L15 ANSWER 28 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Diazo multicolor reproduction
- L15 ANSWER 29 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Heterocyclic derivatives of 1-amino-3-phenoxy-2-propanol
- L15 ANSWER 30 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Diazo photosensitive composition
- L15 ANSWER 31 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Syntheses and reactions of functional polymers. LXXX. Transesterification of poly(γ -methyl-L-glutamate)
- L15 ANSWER 32 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Poly(ester ethers) with good dyeability
- L15 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Phenyl hydroxyalkyl ethers for polyester and polyurethane resins compositions
- L15 ANSWER 34 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Diazotype layers containing resorcinol monoethers
- L15 ANSWER 35 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Condensation of ethylene chlorohydrin with resorcinol
- L15 ANSWER 36 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
TI Resorcinol β -hydroxyethyl ether

10/626,573

=> d 2,5,16,24,26,33,34,36 bib fhitr

L15 ANSWER 2 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:866805 CAPLUS

DN 137:369732

TI Preparation of glycol ethers

IN Morita, Takehiko

PA Nippon Shokubai Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 11 pp.

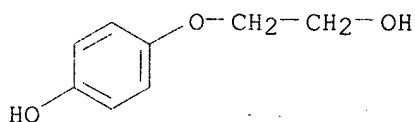
CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2002326969	A	20021115	JP 2002-16208	20020124 <--
PRAI	JP 2001-54956	A	20010228		
IT	13427-53-7P				
	RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of glycol ethers)				
RN	13427-53-7 CAPLUS				
CN	Phenol, 4-(2-hydroxyethoxy)- (9CI) (CA INDEX NAME)				



L15 ANSWER 5 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2001:412500 CAPLUS

DN 136:167358

TI Synthesis of unsymmetrical hydroquinone ether chain and new pseudorotaxane

AU Xi, Hai-tao; Sun, Xiao-qiang; He, Guang-yu

CS Key Laboratory of Fine Petrochemical Engineering, Jiangsu Institute of Petrochemical Technology, Changzhou, 213016, Peop. Rep. China

SO Jiangsu Shiyu Huagong Xueyuan Xuebao (2001), 13(1), 1-4

CODEN: JSHXFU; ISSN: 1005-8893

PB Jiangsu Shiyu Huagong Xueyuan Xuebao Bianjibu

DT Journal

LA Chinese

OS CASREACT 136:167358

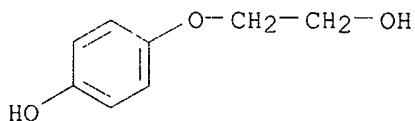
IT 13427-53-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(synthesis of unsym. hydroquinone ether chain and new pseudorotaxane)

RN 13427-53-7 CAPLUS

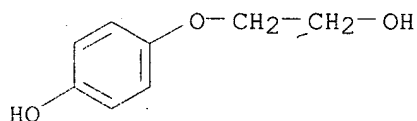
CN Phenol, 4-(2-hydroxyethoxy)- (9CI) (CA INDEX NAME)



10/626,573

L15 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1989:559996 CAPLUS
DN 111:159996
TI Skin-lightening cosmetics containing hydroquinone derivatives
IN Fujinuma, Yoshimori; Asahara, Tomohisa; Akiyasu, Akira; Suzuki, Yumiko
PA Shiseido Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63246311	A	19881013	JP 1987-79385	19870331 <--
	JP 07121854	B	19951225		
PRAI	JP 1987-79385		19870331		
OS	MARPAT 111:159996				
IT	13427-53-7P, 2-(4-Hydroxyphenoxy)ethanol				
	RL: PREP (Preparation)				
	(preparation of, for skin-lightening cosmetics)				
RN	13427-53-7 CAPLUS				
CN	Phenol, 4-(2-hydroxyethoxy)- (9CI) (CA INDEX NAME)				



L15 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1983:91102 CAPLUS
DN 98:91102
TI Catechol-based vapor permeation curable coating compositions
IN Linden, Gary L.; Kathiriya, Shiraz A.
PA Ashland Oil, Inc., USA
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4366193	A	19821228	US 1981-252844	19810410 <--
	AU 8280608	A	19821125	AU 1982-80608	19820218 <--
	AU 528088	B2	19830414		
	CA 1176789	A1	19841023	CA 1982-397738	19820305 <--
PRAI	US 1981-252844	A	19810410		
IT	84785-46-6				
	RL: USES (Uses)				
	(coating, curable by amine vapors)				
RN	84785-46-6 CAPLUS				
CN	2-Butenedioic acid (2E)-, ester with 2-(2-hydroxyethoxy)phenol (1:2), polymer with Mondur HC (9CI) (CA INDEX NAME)				

CM 1

CRN 9081-93-0
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

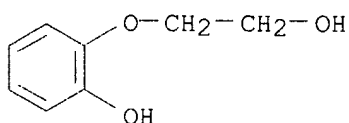
10/626,573

CM 2

CRN 84785-45-5
CMF C20 H20 O8
CCI IDS

CM 3

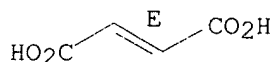
CRN 4792-78-3
CMF C8 H10 O3



CM 4

CRN 110-17-8
CMF C4 H4 O4

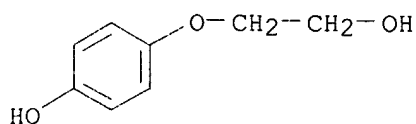
Double bond geometry as shown.



L15 ANSWER 26 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1982:51988 CAPLUS
DN 96:51988
TI Hydroquinone monoethers and structured quinol ketals as
intermediates in their manufacture
IN Keller, Reinhold; Konz, Elmar
PA Hoechst A.-G., Fed. Rep. Ger.
SO Ger. Offen., 23 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

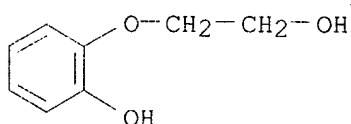
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3017393	A1	19811112	DE 1980-3017393	19800507 <--
	EP 39484	A1	19811111	EP 1981-103259	19810430 <--
	R: CH, DE, FR, GB				
	JP 57002230	A	19820107	JP 1981-67064	19810506 <--
PRAI	DE 1980-3017393	A	19800507		
OS	MARPAT 96:51988				
IT	13427-53-7P				
	RL: SPN (Synthetic preparation); PREP (Preparation)				
	(preparation of)				
RN	13427-53-7 CAPLUS				
CN	Phenol, 4-(2-hydroxyethoxy)- (9CI) (CA INDEX NAME)				

10/626,573



L15 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1970:455802 CAPLUS
DN 73:55802
TI Phenyl hydroxyalkyl ethers for polyester and polyurethane resins
compositions
IN Reabe, Kenneth G.; Dressler, Hans
PA Koppers Co., Inc.
SO Ger. Offen., 15 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

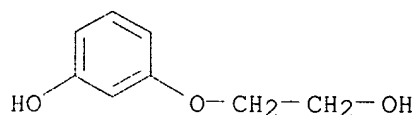
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 1958725		19700618	DE 1969-1958725	19691122 <--
	FR 2024114			FR	
	GB 1250257			GB	
	JP 51004977		19760116	JP 1974-75711	19740701 <--
	US 3644534		19720222	US	19681125 <--
PRAI	US		19681125		
IT	4792-78-3P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN	4792-78-3 CAPLUS				
CN	Phenol, 2-(2-hydroxyethoxy)- (9CI) (CA INDEX NAME)				



L15 ANSWER 34 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN
AN 1951:13408 CAPLUS
DN 45:13408
OREF 45:2347i,2348a-c
TI Diazotype layers containing resorcinol monoethers
IN Von Glahn, Wm. H.; Stanley, Lester N.
PA General Aniline & Film Corp.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2516931		19500801	US 1946-688962	19460807 <--
IT	49650-88-6, Ethanol, 2-(m-hydroxyphenoxy)- (in diazotype process)				
RN	49650-88-6 CAPLUS				
CN	Phenol, 3-(2-hydroxyethoxy)- (9CI) (CA INDEX NAME)				

10/626,573



L15 ANSWER 36 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1935:56067 CAPLUS

DN 29:56067

OREF 29:7346e-f

TI Resorcinol β -hydroxyethyl ether

IN Kyrides, Lucas P.

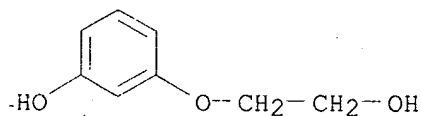
PA National Aniline & Chemical Co.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2015115		19350924	US	
IT	49650-88-6P, Ethanol, 2-(m-hydroxyphenoxy)-				
	RL: PREP (Preparation)				
	(preparation of)				
RN	49650-88-6 CAPLUS				
CN	Phenol, 3-(2-hydroxyethoxy)- (9CI)			(CA INDEX NAME)	



=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
53.94	313.34

FULL ESTIMATED COST

FILE 'STNGUIDE' ENTERED AT 15:00:53 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE

AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Jan 12, 2007 (20070112/UP).

=> log hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.24	313.58

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 15:03:03 ON 17 JAN 2007